S/20 10/722,115

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PADEMAN Pplicant:

Steven D. Girouard et al.

Examiner:

Vera Afremova

Serial No.:

10/722,115

Group Art Unit:

1651

Filed:

November 25, 2003

Docket:

279.597US1

Title:

METHOD AND APPARATUS FOR CELL AND ELECTRICAL THERAPY OF

LIVING TISSUE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

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Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

STEVEN D. GIROUARD ET AL.

By their Representatives,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1459, on this day of July, 2006.

Nom

Signature

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/722,115	
(Use as many sheets as necessary)	Filing Date	November 25, 2003	
4	First Named Inventor	Girouard, Steven	
(Group Art Unit	1651	
JUL 1 2 2006 %	Examiner Name	Afremova, Vera	
Sheet 1 of 2	Attorney Docket No: 2	79.597US1	

	US PATENT DOCUMENTS			
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20020155101A1	10/24/2002	Donahue, J. K., et al.	09/06/2001
	US-20020183686A1	12/05/2002	Darvish, N., et al.	06/17/2002
_	US-20040030379A1	02/12/2004	Hamm, M. A., et al.	05/02/2003
10.0	US-20050283197A1	12/22/2005	Daum, D. R., et al.	05/31/2005
4 993	US-20060134071A1	06/22/2006	Ross, J., et al.	12/20/2004
	US-20060134079A1	06/22/2006	Sih, H. J., et al.	12/20/2004
	US-20060136027A1	06/22/2006	Westlund, R., et al.	12/20/2004
	US-20060136028A1	06/22/2006	Ross, J., et al.	12/20/2004
	US-5,312,453	05/17/1994	Shelton, M. B., et al.	05/11/1992
	US-5,314,430	05/24/1994	Bardy, Gust H.	06/24/1993
	US-7,039,462	05/02/2006	Pastore, J. M., et al.	06/14/2002

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T²

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"COOK SIS Technology: Scientific Information: Clinical References",	
		http://www.cooksis.com/sci/ref1.html, (2004),4 pgs.	
		"COOK SIS Technology: Scientific Information: Safety",	
		http://www.cooksis.com/sci/tech3.html, (2004),2 pgs.	
		"COOK SIS Technology: Scientification Information: Tissue Repair: Challenges & Complications", http://www.cooksis.com/sci/tech.html, (2004),2 pgs.	
		BADER, A., et al., "Tissue engineering of heart valves Å? human endothelial cell seeding of detergent acellularized porcine valves", Eur J Cardiothorac Surg. 14(3), (Sept., 1998),279-84	
		BELL, E., <u>Tissue Engineering: Current Perspectives</u> , Burkhauser Publishers, Cambridge, MA,(1993),179-189	
		BOVENBERG, W. A., et al., "Expression of recombinant human insulin-like growth factor I in mammalian cells", Mol Cell Endocrinol., 74(1), (Nov. 12, 1990),45-59.	
		COURTMAN, D. W., et al., "Development of a pericardial acellular matrix biomaterial: Biochemical and mechanical effects of cell extraction", <u>J Biomed Materi Res.</u> , 28(6), (1994),655-66	
		CURTIL, A., et al., "Freeze Drying of Cardiac Valves in Preparation for Cellular Repopulation", Cryobiology, 34(1), (Feb., 1997),13-22	

EXAMINER DATE CONSIDERED

PTO/SB/084(10-01)
Approved for use through 10/31/2002. OMB 651-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE
Illection of information unless (i contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known		
	Application Number	10/722,115	
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	Group Art Unit	1651	
	Examiner Name	Afremova, Vera	
Sheet 2 of 2	Attorney Docket No: 279.597US1		

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MACGOWAN, G. A., et al., "New molecular insights into heart failure and cardiomyopathy: potential strategies and therapies", <u>Ir J Med Sci., 171(2)</u> , (AprJun., 2002),99-104	
		RECER, P., "Researchers find first heart attack gene", AP Science News, Science: www.science.org, (2003),	
		WANG, G. L., et al., "Molecular basis of hypoxia-induced erythropoietin expression", Curr Opin Hematol., 3(2), (Mar., 1996),156-62	
		WANG, L., et al., "Mutation of MEF2A in an inherited disorder with features of coronary artery disea", Science, 302(5650), (Nov. 28, 2003),1578-81	
		WURM, F. M., et al., "Inducible overproduction of the mouse c-myc protein in mammalian cells", Proc Natl Acad Sci U S A., 83(15), (Aug., 1986),5414-8	